

Title (en)
DEVICE FOR PROCESSING A STRIP OF MATERIAL WITH ULTRASOUND

Title (de)
VORRICHTUNG ZUM BEARBEITEN EINER MATERIALBAHN MIT ULTRASCHALL

Title (fr)
DISPOSITIF POUR TRAITER UNE BANDE DE MATERIAU AVEC DES ULTRASONS

Publication
EP 1053092 A1 20001122 (DE)

Application
EP 99907391 A 19990120

Priority
• DE 19803638 A 19980202
• EP 9900346 W 19990120

Abstract (en)
[origin: DE19803638A1] A device for processing a continuously running strip of material (10), comprising an ultrasonic generator unit (6) with a fixed sonotrode (7) placed opposite a counter roller (8). The material strip is processed in a gap (11). In order to adjust the height of the gap (9) the force (Fs) inside said gap is measured by means of a force measuring member (20) and used for regulation purposes.

IPC 1-7
B29C 65/08

IPC 8 full level
B29C 65/08 (2006.01); **B29C 65/00** (2006.01)

CPC (source: EP US)
B29C 65/086 (2013.01 - EP US); **B29C 66/1122** (2013.01 - EP US); **B29C 66/8221** (2013.01 - EP US); **B29C 66/8223** (2013.01 - EP US); **B29C 66/83411** (2013.01 - EP US); **B29C 66/83415** (2013.01 - EP US); **B29C 66/92211** (2013.01 - EP US); **B29C 66/92431** (2013.01 - EP US); **B29C 66/961** (2013.01 - EP US); **B29C 66/234** (2013.01 - EP US); **B29C 66/45** (2013.01 - EP US); **B29C 66/7294** (2013.01 - EP US); **B29C 66/73921** (2013.01 - EP US); **B29C 66/91231** (2013.01 - EP US); **B29C 66/9231** (2013.01 - EP US)

Citation (search report)
See references of WO 9938666A1

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
DE 19803638 A1 19990805; DE 59907445 D1 20031127; EP 1053092 A1 20001122; EP 1053092 B1 20031022; US 6508641 B1 20030121; WO 9938666 A1 19990805

DOCDB simple family (application)
DE 19803638 A 19980202; DE 59907445 T 19990120; EP 9900346 W 19990120; EP 99907391 A 19990120; US 60151700 A 20001002